

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: September 29, 2006

Inspector: Lee Curtis, Diana Walden, BSC Group

Location: Transition Stations: Hoyts Hill, Archers Lane, Norwalk Junction

Storm/

Rain Event: No recent precipitation data was available from NOAA at the time of inspection. Reporting appears to have been interrupted and incomplete for the month of September

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Access Roads and Adjacent Roadways	- Hoyts Hill: Access is gained off Hoyts Hill Road. The asphalt curb along the driveway was restored. The slopes adjacent to the drive were restored with seed and mulch. 9/29/06	-The area was finalized and the slope was restored. Continue to monitor for final stabilization. 9/29/06.	-The curbing and slopes were restored.
	- Archers Lane: Water levels at the wetland crossings on the access road to the ROW appear to remain below problem levels. 9/29/06. -Wetland restoration was complete along the access road. The crossing was back to original conditions and the adjacent areas were restored with mulch. 9/29/06	-The area is in good shape with notable restoration efforts. Silt fence will be removed in the future when vegetation begins to establish. 9/29/06. Waterbars or swales were installed across the road and haybales should be placed at the outlets. 9/29/06	-Restoration is complete and the area is in good shape
	- Accumulated sediment had been removed from the wetland by hand appropriately. 9/29/06	- Continue to monitor and prevent future sedimentation. 9/29/06	The wetland is in good shape.
	-Slopes remain disturbed along the access road where 345kV trenching	- AL contractors will likely need to perform restoration when work is	- Needs attention when work is complete

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Access Roads and Adjacent Roadways continued	<p>occurred and stockpiles remain. 8/16-9/29/06</p> <p>- Haybales remain in place where water had pooled in the access road near the stone wall. 9/29/06</p> <p>- Norwalk Junction: Sediment tracking was not noted on Rt 7 as the driveway has no been paved. The remainder of the station yard is also paved at this time. 9/29/06.</p> <p>-The front portion of the yard remains disturbed due to parking here. 8/30-9/29/06</p>	<p>complete here. 5/4-9/29/06</p> <p>-Continue to monitor for more permanent solutions if necessary. 9/29/06</p> <p>-None at this time. 9/29/06</p> <p>- Stabilize any areas as feasible to reduce disturbance. Restoration will occur soon. 8/30-9/29/06</p>	<p>-N/A (Paving is proposed)</p> <p>-Paving is complete.</p> <p>- Needs attention</p>
Foundation construction	<p>-At Archers Lane, The yard will be energized shortly. 9/29/06</p> <p>-At Norwalk Junction: The yard and adjacent areas have been paved. Some restoration work remains. 9/29/06.</p> <p>-The swale has been reinforced with stone in several areas. Some restoration/vegetative cover is still needed. 9/29/06</p>	<p>-None. 9/29/06</p> <p>- See erosion control section 9/29/06</p> <p>- See erosion control section 9/29/06</p>	<p>-N/A</p> <p>- N/A</p> <p>- N/A</p>
Erosion and Sediment Controls	<p>-Hoyts Hill: Landscaping with screening trees was performed along the perimeter of the station. 9/29/06.</p> <p>- The restored wetland at the base of slope is well vegetated and tire tracks were restored. 9/29/06</p> <p>-The southern slope was</p>	<p>-Silt fence can likely be removed from most areas as adjacent vegetation is stable. 8/24-9/29/06</p> <p>-None at this time. 9/29/06</p> <p>-Continue to monitor for</p>	<p>- N/A</p> <p>- Tire tracks were restored.</p> <p>- Area was restored</p>

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Erosion and Sediment Controls continued	further stabilized with areas of mulch and landscaping. 9/29/06.	final stabilization. 9/29/06	and landscaped
	- Archers Lane: Silt fence along the access road at the 1 st wetland is intact and continues to filter overland flow. Timber mats were removed and the crossing has been restored to original conditions. 9/29/06	- Continue to monitor for final stabilization. Adjacent areas were mulched and restoration efforts were good. Additional haybales were installed as recommended. 9/29/06	- Area was restored.
	-Accumulated sediment was removed from the wetland and the area looks good. 9/29/06	- Continue to monitor for stabilization and prevent future sedimentation. 9/29/06	- Sediment was removed.
	- Water bars were cut into the access road to direct run-off to the woods. 9/29/06	-Place haybales at the outlets to prevent sedimentation to the forested portion of the wetland. 9/29/06	-Needs attention when feasible.
	- Areas upgradient of the 2 nd wetland crossing at the ROW were also restored/repared. 9/29/06	- See Overhead report. 9/29/06	- Area has been addressed.
	- Haybales remain at the stonewall near Diamond Hill where run-off had been pooling. 8/3-9/29/06	-Continue to monitor. 9/29/06	- N/A (The drive will be paved)
	- The silt fence where the process stockpile was, remains in good shape. 9/29/06	- Revegetate the area to the extent practicable but it is still being used for parking 8/9-9/29/06	-N/A until access is complete
	- Norwalk Junction: Perimeter silt fence remain in good shape along the river. 5/17-9/29/06. The adjacent, non-project related berm is degrading and presents a potential	- None at this time. Continue to monitor controls. 5/17-9/29/06. - If feasible, work with adjacent landowner to determine final	-N/A -Needs evaluation if feasible (not technically project

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	<p>source of sedimentation. 9/29/06</p> <p>-The wetland area at the end of the swale, outside the silt fence, adjacent to the river contains accumulated sediment. 6/7-9/29/06</p> <p>- The front portion of the site has remaining areas of disturbed soil (due to parking) creating a source of potential sediment in the swale. 7/19-9/22/06</p> <p>-The area adjacent to the perimeter chain link closer to the river was paved but the adjacent area remains muddy. 9/29/06</p>	<p>stabilization of the area. 9/29/06</p> <p>- The silt is contained and does not yet reach the river. Wetland vegetation was also noted growing here, but silt has built up significantly at the stone outlet and should be removed by hand 6/1-9/29/06</p> <p>- Continue to improve water quality to the swale by restoring areas wherever feasible. 6/1-9/29/06</p> <p>Revegetate the adjacent area to the extent feasible. 9/7-9/29/06</p>	<p>jurisdictional).</p> <p>- Needs attention</p> <p>- Needs attention</p> <p>-Needs attention if feasible</p>
	<p>-The swale was well restored and reinforced with stone at the driveway crossing. New haybales were installed at the first culvert 9/29/06 The remainder of the swale remains as exposed soil 8/16-9/29/06</p>	<p>-Revegetate/ stabilize the remaining swale if feasible. 8/16-9/29/06</p>	<p>- The swale was reinforced and still needs some final stabilization</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>- Hoyts Hill: The wetland remains well protected and well vegetated. Adjacent landscaping was complete. 9/29/06</p> <p>-Archers Lane: Restoration at the 1st wetland crossing is complete and adjacent areas are restored. 9/29/06.</p> <p>- Norwalk Junction: The</p>	<p>-Erosion controls could likely be removed from most areas. 9/29/06.</p> <p>- Continue to monitor for final stabilization. 9/29/06.</p> <p>- Reduce turbidity by</p>	<p>- N/A.</p> <p>-Restoration is complete</p> <p>-Needs attention</p>

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	outlet of the drainage swale is at the headwall of the wetland area. Wetland vegetation was growing but silt has accumulated and turbid water remains 6/14-9/29/06	controlling its source-disturbed surfaces and dewatering on site. Deeper sediment buildup at the outlet and within the basin should be removed. 5/25-9/29/06.	
Vegetative clearing limits or stabilization	Hoyts Hill: Landscaping with screening trees had occurred along the perimeter of the station. 9/29/06 - Norwalk Junction: -A number of bare soil areas around the perimeter of site should be temporarily stabilized/vegetated. 7/26-9/29/06.	- Continue to monitor for final stabilization. Portions of adjacent slopes were restored with mulch 9/29/06 - Restore perimeter surfaces wherever feasible (even if it is temporary) 6/1-9/29/06.	- Areas were landscaped -Still needs attention
Dewatering Norwalk Junction	-No active dewatering was noted. The NJ swale was reinforced with stone but still needs some attention. 9/29/06	-Complete the restoration of the swale. 8/16-9/29/06.	-Swale was reinforced – continue restoration.
Blasting	- All blasting is complete. 9/29/06	- None at this time.	-N/A
Soils	- No remaining disturbed soils are present on the project with the exception of areas adjacent to the Norwalk Junction yard and the drive into Archers Lane. 9/29/06.	-None. 9/29/06.	-N/A
Spills and Material Storage	- No obvious drips or spills were noted at the inspection. 9/29/06	- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site - Take care to be vigilant when refueling.	
Additional Observations			

Next likely scheduled inspection:

Wednesday October 4, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature: Diana Walden, Lee Curtis, BSC Group



Hoyts Hill Transition Station: Photo on the left shows the asphalt curbing that was recently installed. The adjacent slope has also been restored and mulched. Photo on the right shows restoration, mulch and landscaping along the southern slope. 9/29/06



Photo on the left shows the landscaping along the edge of the wetland below the retaining wall. Photo on the right shows another view of the landscaping from Rt 58. Tire tracks in the wetland area were restored and mulched. 9/29/06



Archers Lane: Photo on the left shows some remaining stockpiles and bare slopes along the access drive. These areas should be restored/vegetated to the extent feasible. Photo on the right shows an overview of the yard. The line and stations will be energized soon. 9/29/06



Photo on the left shows the 1st wetland crossing fully restored with timber mats recently removed. The area is well restored and graded back to original conditions. Photo on the right shows where sediment was removed from the wetland. Silt fence continues to filter surface flow. 9/29/06



Norwalk Junction: Photo on the left shows the view of the paved station yard and driveway with the perimeter fence in place. Photo on the right shows the reinforced area of the swale at the driveway crossing. 9/22/06.



Photo on the left shows the reinforced area of the swale looking towards Rt 7. Adjacent areas still need vegetation/restoration. Photo on the right shows the paved area adjacent to the yard. The disturbed soil surface should be vegetated to the extent feasible and the non-project related berm is degrading. 9/29/06.